

**Accelerated RNA-RNA hybridization by concentrated guanidinium thiocyanate solution in single-step RNA isolation : [letter to the editor]**

Mölder, Triin; Speek, Mart *Biotechniques* 2016 / p. 61-65 : ill <https://doi.org/10.2144/000114441> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Antibody response to oral biofilm is a biomarker for acute coronary syndrome in periodontal disease**

Jaago, Mariliis; Pupina, Nadežda; Rähni, Annika; Pihlak, Arno; Sadam, Helle; Vrana, Nihal Engin; Sinisalo, Juha; Pussinen, Pirkko; Palm, Kaia *Communications biology* 2022 / art. 205, 10 p. : ill <https://doi.org/10.1038/s42003-022-03122-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Assessment of the applicability of the Pay As You Throw system into current waste management in Estonia**

Voronova, Viktoria; Piirimäe, Kristjan; Virve, Mailis *Management of environmental quality : an international journal* 2013 / p. 667-681 : ill <https://doi.org/10.1108/MEQ-09-2012-0061> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Author Correction: A deep learning system accurately classifies primary and metastatic cancers using passenger mutation patterns (Nature Communications, (2020), 11, 1, (728), 10.1038/s41467-019-13825-8)**

Jiao, Wei; Atwal, Gurnit; Polak, Paz; Karlic, Rosa; Cuppen, Edwin; Al-Shahrour, Fatima; Bailey, Peter J.; Biankin, Andrew V.; Boutros, Paul C.; Uusküla-Reimand, Liis *Nature Communications* 2022 / Art. 7573 <https://doi.org/10.1038/s41467-022-32329-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: Combined burden and functional impact tests for cancer driver discovery using DriverPower (Nature Communications, (2020), 11, 1, (734), 10.1038/s41467-019-13929-1)**

Shuai, Shimin; Abascal, Federico; Amin, Samirkumar B.; Bader, Gary D.; Bandopadhyay, Pratiti; Barenboim, Jonathan; Beroukhim, Rameen; Bertl, Johanna; Boroevich, Keith A.; Uusküla-Reimand, Liis *Nature Communications* 2022 / art. 7571 <https://doi.org/10.1038/s41467-022-32343-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: Divergent mutational processes distinguish hypoxic and normoxic tumours (Nature Communications, (2020), 11, 1, (737), 10.1038/s41467-019-14052-x)**

Bhandari, Vinayak; Li, Constance H.; Bristow, Robert G.; Boutros, Paul C.; Aaltonen, Lauri A.; Abascal, Federico; Abeshouse, Adam; Aburatani, Hiroyuki; Adams, David J.; Uusküla-Reimand, Liis *Nature Communications* 2022 / Art. nr. 7569 <https://doi.org/10.1038/s41467-022-32339-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: Genomic footprints of activated telomere maintenance mechanisms in cancer (Nature Communications, (2020), 11, 1, (733), 10.1038/s41467-019-13824-9)**

Sieverling, Lina; Hong, Chen; Koser, Sandra D.; Ginsbach, Philip; Kleinheinz, Kortine; Hutter, Barbara; Braun, Delia M.; Cortés-Ciriano, Isidro; Xi, Ruibin; Uusküla-Reimand, Liis *Nature Communications* 2022 / Art. nr. 7574 <https://doi.org/10.1038/s41467-022-32328-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: High-coverage whole-genome analysis of 1220 cancers reveals hundreds of genes deregulated by rearrangement-mediated cis-regulatory alterations (Nature Communications, (2020), 11, 1, (736), 10.1038/s41467-019-13885-w)**

Zhang, Yiqun; Chen, Fengju; Fonseca, Nuno A.; He, Yao; Fujita, Masashi; Nakagawa, Hidewaki; Zhang, Zemin; Brazma, Alvis; Amin, Samirkumar B.; Uusküla-Reimand, Liis *Nature Communications* 2022 / Art. nr. 7572 <https://doi.org/10.1038/s41467-022-32333-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: Inferring structural variant cancer cell fraction (Nature Communications, (2020), 11, 1, (730), 10.1038/s41467-020-14351-8)**

Cmero, Marek; Yuan, Ke; Ong, Cheng Soon; Schröder, Jan; Adams, David J.; Anur, Pavana; Beroukhim, Rameen; Boutros, Paul C.; Bowtell, David D. L.; Uusküla-Reimand, Liis *Nature Communications* 2022 / Art. nr. 7568 <https://doi.org/10.1038/s41467-022-32338-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: Integrative pathway enrichment analysis of multivariate omics data (Nature Communications, (2020), 11, 1, (735), 10.1038/s41467-019-13983-9)**

Paczkowska, Marta; Barenboim, Jonathan; Sintupisut, Nardnisa; Fox, Natalie S.; Zhu, Helen; Abd-Rabbo, Diala; Mee, Miles W.; Boutros, Paul C.; Abascal, Federico; Uusküla-Reimand, Liis *Nature Communications* 2022 / art. 7570 <https://doi.org/10.1038/s41467-022-32342-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Author Correction: Pathway and network analysis of more than 2500 whole cancer genomes (Nature Communications, (2020), 11, 1, (729), 10.1038/s41467-020-14367-0)**

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**Author Correction: Reconstructing evolutionary trajectories of mutation signature activities in cancer using TrackSig (Nature Communications, (2020), 11, 1, (731), 10.1038/s41467-020-14352-7)**

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**Author Correction: Retrospective evaluation of whole exome and genome mutation calls in 746 cancer samples (Nature Communications, (2020), 11, 1, (4748), 10.1038/s41467-020-18151-y)**

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**BIAS : a regional management of underwater sound in the Baltic Sea**

Sigray, Peter; Andersson, Mathias; Pajala, Jukka; **Laanearu, Janek; Klauson, Aleksander** The effects of noise on aquatic life II 2016 / p. 1015-1023 : ill [https://doi.org/10.1007/978-1-4939-2981-8\\_126](https://doi.org/10.1007/978-1-4939-2981-8_126) [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article collection metrics at WOS](#) [Article at WOS](#)

**Cancer LncRNA Census reveals evidence for deep functional conservation of long noncoding RNAs in tumorigenesis**

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**Case-Control study on occupational exposure to extremely low-frequency electromagnetic fields and the association with meningioma**

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**Cell Migration in Microfluidic Devices : Invadosomes Formation in Confined Environments**

Chi, Pei-Yin; **Spuul, Pirjo**; Tseng, Fan-Gang Cell migrations : causes and functions 2019 / p. 79-103 [https://doi.org/10.1007/978-3-030-17593-1\\_6](https://doi.org/10.1007/978-3-030-17593-1_6) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Chemical and functional properties of myofibrillar protein from selected species of trash fish**

Anam, Choirul; Atoum, Manar Fayiz Mousa; Harini, Noor; Damat, Damat; Setyobudi, Roy Hendroko; Wahyudi, Ahmad; Pamujiati, Agustia Dwi; Kuswardhani, Nita; Witono, Yuli; **Liblik, Taavi** Jordan Journal of Biological Sciences 2023 / p. 267-277 : ill <https://doi.org/10.54319/jjbs/160211> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Combined burden and functional impact tests for cancer driver discovery using DriverPower**

Shuai, Shimin; Abascal, Federico; Amin, Samirkumar B.; Bader, Gary D.; Bandopadhyay, Pratiti; Barenboim, Jonathan; Beroukhim, Rameen; Bertl, Johanna; Boroevich, Keith A.; **Uusküla-Reimand, Liis** Nature Communications 2020 / art. 734 <https://doi.org/10.1038/s41467-019-13929-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Comparison of static and dynamic shading systems for office buildings energy consumption and cooling load assessment**

**De Luca, Francesco; Voll, Hendrik; Thalfeldt, Martin** Management of environmental quality : an international journal 2018 / p. 978-998 : ill <https://doi.org/10.1108/MEQ-01-2018-0008> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Cross-kingdom small RNAs among animals, plants and microbes**

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**Cu(II) partially protects three histidine residues and the N-terminus of amyloid- $\beta$  peptide from diethyl pyrocarbonate (DEPC) modification**

**Friedemann, Merlin; Tõugu, Vello; Palumaa, Peep** FEBS Open Bio 2020 / p. 1072-1081 <https://doi.org/10.1002/2211-5463.12857> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Daughterless, the Drosophila orthologue of TCF4, is required for associative learning and maintenance of the synaptic proteome**

**Tamberg, Laura; Jaago, Mariliis; Säälk, Kristi; Sirp, Alex; Tuvikene, Jürgen; Šubina, Anastassia; Kiir, Carl Alexander; Nurm, Kaja; Sepp, Mari; Timmusk, Tõnis; Palgi, Mari** Disease Models & Mechanisms 2020 / art. dmm042747, 15 p. : ill <https://doi.org/10.1242/dmm.042747> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Daylighting and energy performance design for single floor commercial hall buildings**

**De Luca, Francesco; Simson, Raimo; Voll, Hendrik; Kurnitski, Jarek** Management of environmental quality : an international journal 2018 / p. 722-739 : ill <https://doi.org/10.1108/MEQ-10-2017-0110> [Journal metrics at Scopus](#) [Article at Scopus](#)

**A deep learning system accurately classifies primary and metastatic cancers using passenger mutation patterns**

Jiao, Wei; Atwal, Gurnit; Polak, Paz; Karlic, Rosa; Cuppen, Edwin; Al-Shahrour, Fatima; Bailey, Peter J.; Biankin, Andrew V.; Boutros, Paul C.; **Uusküla-Reimand, Liis** Nature Communications 2020 / art. 728, 12 p. : ill <https://doi.org/10.1038/s41467-019-13825-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Detection of single nucleotide polymorphisms in virus genomes assembled from high-throughput sequencing data: large-scale performance testing of sequence analysis strategies**

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**Dissolution of silver nanowires and nanospheres dictates their toxicity to escherichia coli**

Visnapuu, Meeri; Joost, Urmas; **Juganson, Katre**; Künnis-Beres, Kai; Kahru, Anne; Kisand, Vambola; Ivask, Angela BioMed Research International 2013 / art. 819252 <https://doi.org/10.1155/2013/819252> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Divergent mutational processes distinguish hypoxic and normoxic tumours**

Bhandari, Vinayak; Li, Constance H.; Bristow, Robert G.; Boutros, Paul C.; Aaltonen, Lauri A.; Abascal, Federico; Abeshouse, Adam; Aburatani, Hiroaki; Adams, David J.; Uusküla-Reimand, Liis Nature Communications 2020 / art. 737, 10 p. : ill <https://doi.org/10.1038/s41467-019-14052-x> [Article at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**ELIMÄKI Locus is required for vertical proprioceptive response in birch trees**

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**Erratum to: Long-haul optical transmission link using low-noise phase-sensitive amplifiers (Nature Communications, (2018), 9, 1, (2513), 10.1038/s41467-018-04956-5)**

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**EUKARYOME: the rRNA gene reference database for identification of all eukaryotes**

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**Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function**

Pattaro, Cristian; Teumer, Alexander; Gorski, Mathias; Chu, Audrey Y.; Li, Man; Mijatovic, Vladan; Garnaas, Maija; Tin, Adrienne; Sorice, Rossella; Li, Yong; **Viigimaa, Margus** Nature Communications 2016 / art. 10023 <https://doi.org/10.1038/ncomms10023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Genomic footprints of activated telomere maintenance mechanisms in cancer**

Sieverling, Lina; Hong, Chen; Koser, Sandra D.; Ginsbach, Philip; Kleinheinz, Kortine; Hutter, Barbara; Braun, Delia M.; Cortés-Ciriano, Isidro; Xi, Ruibin; **Uusküla-Reimand, Liis** Nature Communications 2020 / art. 733, 13 p. ill <https://doi.org/10.1038/s41467-019-13824-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Globally invariant metabolism but density-diversity mismatch in springtails**

Potapov, Anton M.; Guerra, Carlos A.; van den Hoogen, Johan; Babenko, Anatoly; Bellini, Bruno C.; Berg, Matty P.; Chown, Steven L.; Deharveng, Louis; **Ivask, Mari**; Kuu, Annely Nature communications 2023 / art. 674, 13 p. : ill., map <https://doi.org/10.1038/s41467-023-36216-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**High-coverage whole-genome analysis of 1220 cancers reveals hundreds of genes deregulated by rearrangement-mediated cis-regulatory alterations**

Zhang, Yiqun; Chen, Fengju; Fonseca, Nuno A.; He, Yao; Fujita, Masashi; Nakagawa, Hidewaki; Zhang, Zemin; Brazma, Alvis; Amin, Samir Kumar B.; **Uusküla-Reimand, Liis** Nature Communications 2020 / Art. nr. 736 <https://doi.org/10.1038/s41467-019-13885-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Horizontal or vertical? Windows' layout selection for shading devices optimization**

**De Luca, Francesco**; Voll, Hendrik; Thalfeldt, Martin Management of environmental quality : an international journal 2016 / p. 623-633 : ill <https://doi.org/10.1108/MEQ-05-2015-0102> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Identification of two highly antigenic epitope markers predicting multiple sclerosis in optic neuritis patients**

**Sadam, Helle**; Pihlak, Arno; **Jaago, Mariliis**; Pupina, Nadežda; **Rähni, Annika**; Toots, Maarja; Vaheri, Antti; Nieminen, Janne K.; Siuko, Mika; Tienari, Pentti J.; **Palm, Kaia** EBioMedicine 2021 / art. 103211, 8 p <https://doi.org/10.1016/j.ebiom.2021.103211> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Immune response to a conserved enteroviral epitope of the major capsid VP1 protein is associated with lower risk of cardiovascular disease**

Pupina, Nadežda; Avarlaid, Annela; **Sadam, Helle**; Pihlak, Arno; **Jaago, Mariliis**; Tuvikene, Jürgen; **Rähni, Annika**; Planken,

Anu; Planken, Margus; Kalso, Eija; Tienari, Pentti J.; Nieminen, Janne K.; Seppänen, Mikko R.J.; Vaheri, Antti; Lindholm, Dan; Sinisalo, Juha; Pussinen, Pirkko; **Timmusk, Tõnis; Palm, Kaia** eBioMedicine 2022 / art. 103835, 14 p. : ill  
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### **Improving taxonomic classification of marine zooplankton by molecular approach: registration of taxonomically verified 18S and 28S rRNA gene sequences**

Watanabe, Tsuyoshi; Hirai, Junya; **Sildever, Sirje**; Tadokoro, Kazuaki; Hidaka, Kiyotaka; Tanita, Iwao; Nishiuchi, Koh; Iguchi, Naoki; Kasai, Hiromi; Nishi, Noriko; Katakura, Seiji; Taniuchi, Yukiko; Kodama, Taketoshi; Tashiro, Satokuni; Nakae, Misato; Okazaki, Yuji; Kitajima, Satoshi; Sogawa, Sayak; Hasegawa, Toru; Azumaya, Tomonori; Hiroe, Yutaka; Ambe, Daisuke; Setou, Takashi; Ito, Daiki; Kusaka, Akira; Okunishi, Takeshi; Tanaka, Takahiro; Kuwata, Akira; Hasegawa, Daisuke; Kakehi, Shigeho; Shimizu, Yugo; Nagai, Satosh PeerJ 2023 / art. e15427 <https://doi.org/10.7717/peerj.15427> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **In-depth analysis of transcriptomes in ovarian cortical follicles from children and adults reveals interfollicular heterogeneity**

**Rooda, Ilmatar**; Hassan, Jasmin; Hao, Jie; Wagner, Magdalena; Moussaud-Lamodiere, Elisabeth; Jääger, Kersti; Ojala, Marjut; Knuus, Katri; Lindskog, Cecilia; Velthut-Meikas, Agne Nature communications 2024 / art. 6989 <https://doi.org/10.1038/s41467-024-51185-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Inferring structural variant cancer cell fraction**

Cmero, Marek; Yuan, Ke; Ong, Cheng Soon; Schröder, Jan; Adams, David J.; Anur, Pavana; Beroukhi, Rameen; Boutros, Paul C.; Bowtell, David D. L.; **Uusküla-Reimand, Liis** Nature Communications 2020 / Art. nr. 730 <https://doi.org/10.1038/s41467-020-14351-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Inhibition of pyruvate dehydrogenase kinase influence microbiota and metabolomic profile in pancreatic cancer xenograft mice**

**Adamberg, Kaarel; Vilu, Raivo**; Paziienza, Valerio BMC Research Notes 2020 / art. 540 <https://doi.org/10.1186/s13104-020-05384-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Integrative pathway enrichment analysis of multivariate omics data**

Paczowska, Marta; Barenboim, Jonathan; Sintupisut, Nardnisa; Fox, Natalie S.; Zhu, Helen; Abd-Rabbo, Diala; Mee, Miles W.; Boutros, Paul C.; Abascal, Federico; **Uusküla-Reimand, Liis** Nature Communications 2020 / Art. nr. 735  
<https://doi.org/10.1038/s41467-019-13983-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Introducing Pitt-Hopkins syndrome-associated mutations of TCF4 to Drosophila daughterless**

**Tamberg, Laura; Sepp, Mari; Timmusk, Tõnis; Palgi, Mari** Biology open 2015 / p. 1762-1771 : ill <https://doi.org/10.1242/bio.014696> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Intronic enhancer region governs transcript-specific Bdnf expression in rodent neurons**

Tuvikene, Jürgen; Esvald, Eli-Eelika; Rähni, Annika; **Uustalu, Kaie**; Zhuravskaya, Anna; **Avarlaid, Annela**; Makeyev, Eugene V.; **Timmusk, Tõnis** eLife 2021 / art. e65161 <https://doi.org/10.7554/eLife.65161> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **IOCBIO Kinetics : an open-source software solution for analysis of data traces**

**Vendelin, Marko; Laasmaa, Martin; Kalda, Mari; Branovets, Jelena; Karro, Niina; Barsunova, Karina; Birkedal Nielsen, Rikke** PLoS computational biology 2020 / art. e1008475 <https://doi.org/10.1371/journal.pcbi.1008475> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **IOCBIO Sparks detection and analysis software**

**Laasmaa, Martin; Karro, Niina; Birkedal Nielsen, Rikke; Vendelin, Marko** PeerJ 2019 / art. e6652, 28 p. : ill  
<https://doi.org/10.7717/peerj.6652> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Lithium ions display weak interaction with amyloid-beta (Aβ) peptides and have minor effects on their aggregation**

**Berntsson, Elina**; Paul, Suman; Vosough, Faraz; Sholts, Sabrina B.; Jarvet, Jüri; Roos, Per M.; Barth, Andreas; Gräslund, Astrid; Wärmländer, Sebastian K.T.S. Acta biochimica Polonica 2021 / p. 169-179 [https://doi.org/10.18388/abp.2020\\_5493](https://doi.org/10.18388/abp.2020_5493) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Long-haul optical transmission link using low-noise phase-sensitive amplifiers**

Olsson, Samuel L. I.; Eliasson, Henrik; **Astra, Egon**; Karlsson, Magnus; Andrekson, Peter Avo Nature communications 2018 / art. 2513, 7 p. : ill <https://doi.org/10.1038/s41467-018-04956-5> [Eesti 27 aastat internetis välismaailmaga: teadlaste uus andmeedastustehnoloogia](#) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Molecular aspects of the isolated limb infusion procedure**

**Teras, Jüri**; Carr, Michael J.; Zager, Jonathan S.; Kroon, Hidde M. Biomedicine 2021 / art. 163, 13 p. : ill  
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**Morphological variation suggests that chitinozoans may be fossils of individual microorganisms rather than metazoan eggs**

**Liang, Yan;** Bernardo, Joseph; Goldman, Daniel; **Nõlvak, Jaak;** Tang, Peng; Wang, Wenhui; **Hints, Olle** Proceedings of the Royal Society B: Biological Sciences 2019 / art. 20191270, 8 p. : ill <https://doi.org/10.1098/rspb.2019.1270> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Musculoskeletal disorders caused by the static posture of office and garment workers**

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