

Mikhail Shekhirev

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,566
citations

430874

18
h-index

501196

28
g-index

28
all docs

28
docs citations

28
times ranked

2267
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of MXenes at every step, from their precursors to single flakes and assembled films. Progress in Materials Science, 2021, 120, 100757.	32.8	288
2	Large-scale solution synthesis of narrow graphene nanoribbons. Nature Communications, 2014, 5, 3189.	12.8	271
3	Bottom-up solution synthesis of narrow nitrogen-doped graphene nanoribbons. Chemical Communications, 2014, 50, 4172-4174.	4.1	136
4	Few-layered titanium trisulfide (TiS ₃) field-effect transistors. Nanoscale, 2015, 7, 12291-12296.	5.6	122
5	Laterally extended atomically precise graphene nanoribbons with improved electrical conductivity for efficient gas sensing. Nature Communications, 2017, 8, 820.	12.8	113
6	Safe Synthesis of MAX and MXene: Guidelines to Reduce Risk During Synthesis. Journal of Chemical Health and Safety, 2021, 28, 326-338.	2.1	102
7	Nitrogen-Doping Induced Self-Assembly of Graphene Nanoribbon-Based Two-Dimensional and Three-Dimensional Metamaterials. Nano Letters, 2015, 15, 5770-5777.	9.1	80
8	Highly Selective Gas Sensors Based on Graphene Nanoribbons Grown by Chemical Vapor Deposition. ACS Applied Materials & Interfaces, 2020, 12, 7392-7402.	8.0	59
9	Graphene substrate for inducing neurite outgrowth. Biochemical and Biophysical Research Communications, 2015, 460, 267-273.	2.1	57
10	Synthesis of Cesium Lead Halide Perovskite Quantum Dots. Journal of Chemical Education, 2017, 94, 1150-1156.	2.3	51
11	Phenyl Functionalization of Atomically Precise Graphene Nanoribbons for Engineering Inter-ribbon Interactions and Graphene Nanopores. ACS Nano, 2018, 12, 8662-8669.	14.6	49
12	Densification additives for hydroxyapatite ceramics. Journal of the European Ceramic Society, 2009, 29, 1925-1932.	5.7	28
13	Ca-deficient hydroxyapatite powder for producing tricalcium phosphate based ceramics. Glass and Ceramics (English Translation of Steklo i Keramika), 2011, 68, 28-32.	0.6	26
14	Hydroxyapatite-based ceramic materials prepared using solutions of different concentrations. Inorganic Materials, 2007, 43, 901-909.	0.8	25
15	Composite ceramic containing a bioresorbable phase. Glass and Ceramics (English Translation of) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.6	22
16	Interfacial Self-Assembly of Atomically Precise Graphene Nanoribbons into Uniform Thin Films for Electronics Applications. ACS Applied Materials & Interfaces, 2017, 9, 693-700.	8.0	22
17	Bulk properties of solution-synthesized chevron-like graphene nanoribbons. Faraday Discussions, 2014, 173, 105-13.	3.2	21
18	Dense monolayer films of atomically precise graphene nanoribbons on metallic substrates enabled by direct contact transfer of molecular precursors. Nanoscale, 2017, 9, 18835-18844.	5.6	21

#	ARTICLE	IF	CITATIONS
19	Resorbable Calcium Phosphates Based Ceramics. Powder Metallurgy and Metal Ceramics, 2013, 52, 357-363.	0.8	13
20	Inkjet printable-photoactive all inorganic perovskite films with long effective photocarrier lifetimes. Journal of Physics Condensed Matter, 2018, 30, 18LT02.	1.8	13
21	In Situ Atomic Force Microscopy of the Reconfiguration of On-Surface Self-Assembled DNA-Nanoparticle Superlattices. Advanced Functional Materials, 2019, 29, 1806924.	14.9	12
22	Calcium phosphate powders synthesized from solutions with $[Ca^{2+}]/[PO_4^{3-}]=1$ for bioresorbable ceramics. Open Chemistry, 2009, 7, 184-191.	1.9	9
23	Aggregation of atomically precise graphene nanoribbons. RSC Advances, 2017, 7, 54491-54499.	3.6	7
24	Disperse systems in calcium hydroxyapatite ceramics technology. Glass and Ceramics (English) 10 Tf 50 54.	0.6	5
25	Wetting and spreading of molten NaCl and CaCl ₂ over polycrystalline hydroxyapatite. Mendelevov Communications, 2014, 24, 12-14.	1.6	4
26	Oxidative peeling of carbon black nanoparticles. RSC Advances, 2015, 5, 92539-92544.	3.6	4
27	Ceramics based on calcium hydroxyapatite synthesized in the presence of PVA. Glass and Ceramics (English Translation of Steklo i Keramika), 2007, 64, 408-412.	0.6	3
28	Solution Synthesis of Atomically Precise Graphene Nanoribbons. ChemistrySelect, 2017, 2, .	1.5	3