

Ivan S Sokolov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2532508/publications.pdf>

Version: 2024-02-01

22
papers

418
citations

933447

10
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

373
citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging 2D magnetic states in a graphene-based monolayer of EuC ₆ . Nano Research, 2022, 15, 408-413.	10.4	13
2	Two-dimensional magnetism in Xenon. , 2022, , 353-375.		2
3	Nanoscale synthesis of ionic analogues of bilayer silicene with high carrier mobility. Journal of Materials Chemistry C, 2021, 9, 8545-8551.	5.5	4
4	Universal Interface between Functional Oxides and Silicon. Advanced Functional Materials, 2021, 31, 2010269.	14.9	13
5	Two-Dimensional Magnets beyond the Monolayer Limit. ACS Nano, 2021, 15, 12034-12041.	14.6	13
6	Chaos at Interface Brings Order into Oxide/Silicon Structure. Advanced Functional Materials, 2021, 31, 2104925.	14.9	4
7	High Carrier Mobility in a Layered Antiferromagnet Integrated with Silicon. ACS Applied Materials & Interfaces, 2021, 13, 41926-41932.	8.0	3
8	Two-dimensional ferromagnetism in Eu-intercalated few-layer graphene. Journal of Alloys and Compounds, 2021, 884, 161078.	5.5	10
9	Interface-controlled integration of functional oxides with Ge. Journal of Materials Chemistry C, 2021, 9, 17012-17018.	5.5	5
10	Dimensionality Concept in Solid-State Reactions: A Way to Control Synthesis of Functional Materials at the Nanoscale. Advanced Functional Materials, 2020, 30, 2002691.	14.9	8
11	Competing magnetic states in silicene and germanene 2D ferromagnets. Nano Research, 2020, 13, 3396-3402.	10.4	19
12	2D ferromagnetism in europium/graphene bilayers. Materials Horizons, 2020, 7, 1372-1378.	12.2	34
13	High-Mobility Carriers in Germanene Derivatives. Advanced Functional Materials, 2020, 30, 1910643.	14.9	28
14	Probing proximity effects in the ferromagnetic semiconductor EuO. Applied Surface Science, 2019, 488, 107-114.	6.1	4
15	Layer-controlled laws of electron transport in two-dimensional ferromagnets. Materials Today, 2019, 29, 20-25.	14.2	31
16	Lanthanide f ⁷ metalloxenes – a class of intrinsic 2D ferromagnets. Materials Horizons, 2019, 6, 1488-1496.	12.2	49
17	Emerging two-dimensional ferromagnetism in silicene materials. Nature Communications, 2018, 9, 1672.	12.8	103
18	Direct epitaxial integration of the ferromagnetic semiconductor EuO with Si(111). Journal of Magnetism and Magnetic Materials, 2018, 459, 136-140.	2.3	7

#	ARTICLE	IF	CITATIONS
19	High-Temperature Magnetism in Graphene Induced by Proximity to EuO. ACS Applied Materials & Interfaces, 2018, 10, 20767-20774.	8.0	63
20	Tunneling Current in Oppositely Connected Schottky Diodes Formed by Contacts between Degenerate n-GaN and a Metal. Semiconductors, 2018, 52, 776-782.	0.5	0
21	The titanium oxide memristor contact material's influence on element's cyclic stability to degradation. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 202-205.	0.8	2
22	Features of titanium oxide memristor fabrication by pulsed laser deposition. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 242-245.	0.8	3