

# Ivan S Sokolov

## List of Publications by Year in descending order

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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 two-dimensional ferromagnetism in silicene materials. Nature Communications, 2018, 9, 1672.	12.8	103
2	High-Temperature Magnetism in Graphene Induced by Proximity to EuO. ACS Applied Materials & Interfaces, 2018, 10, 20767-20774.	8.0	63
3	Lanthanide $f^{7/7}$ metalloxenes – a class of intrinsic 2D ferromagnets. Materials Horizons, 2019, 6, 1488-1496.	12.2	49
4	2D ferromagnetism in europium/graphene bilayers. Materials Horizons, 2020, 7, 1372-1378.	12.2	34
5	Layer-controlled laws of electron transport in two-dimensional ferromagnets. Materials Today, 2019, 29, 20-25.	14.2	31
6	High-Mobility Carriers in Germanene Derivatives. Advanced Functional Materials, 2020, 30, 1910643.	14.9	28
7	Competing magnetic states in silicene and germanene 2D ferromagnets. Nano Research, 2020, 13, 3396-3402.	10.4	19
8	Universal Interface between Functional Oxides and Silicon. Advanced Functional Materials, 2021, 31, 2010269.	14.9	13
9	Two-Dimensional Magnets beyond the Monolayer Limit. ACS Nano, 2021, 15, 12034-12041.	14.6	13
10	Emerging 2D magnetic states in a graphene-based monolayer of EuC <sub>6</sub> . Nano Research, 2022, 15, 408-413.	10.4	13
11	Two-dimensional ferromagnetism in Eu-intercalated few-layer graphene. Journal of Alloys and Compounds, 2021, 884, 161078.	5.5	10
12	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
13	Direct epitaxial integration of the ferromagnetic semiconductor EuO with Si(111). Journal of Magnetism and Magnetic Materials, 2018, 459, 136-140.	2.3	7
14	Interface-controlled integration of functional oxides with Ge. Journal of Materials Chemistry C, 2021, 9, 17012-17018.	5.5	5
15	Probing proximity effects in the ferromagnetic semiconductor EuO. Applied Surface Science, 2019, 488, 107-114.	6.1	4
16	Nanoscale synthesis of ionic analogues of bilayer silicene with high carrier mobility. Journal of Materials Chemistry C, 2021, 9, 8545-8551.	5.5	4
17	Chaos at Interface Brings Order into Oxide/Silicon Structure. Advanced Functional Materials, 2021, 31, 2104925.	14.9	4
18	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

#	ARTICLE	IF	CITATIONS
19	High Carrier Mobility in a Layered Antiferromagnet Integrated with Silicon. ACS Applied Materials & Interfaces, 2021, 13, 41926-41932.	8.0	3
20	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
21	Two-dimensional magnetism in Xenos. , 2022, , 353-375.		2
22	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