

Hongyu Bian

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

566
citations

1307594
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1720034
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8
all docs

8
docs citations

8
times ranked

418
citing authors

#	ARTICLE	IF	CITATIONS
1	High-resolution X-ray luminescence extension imaging. <i>Nature</i> , 2021, 590, 410-415.	27.8	378
2	Stimuli-Responsive Memristive Materials for Artificial Synapses and Neuromorphic Computing. <i>Advanced Materials</i> , 2021, 33, e2006469.	21.0	88
3	Multimodal Tuning of Synaptic Plasticity Using Persistent Luminescent Memitters. <i>Advanced Materials</i> , 2022, 34, e2101895.	21.0	31
4	Signal Filtering Enabled by Spike Voltage-Dependent Plasticity in Metalloporphyrin-Based Memristors. <i>Advanced Materials</i> , 2021, 33, e2104370.	21.0	30
5	Light-induced electrons suppressed by Eu^{3+} ions doped in $\text{Ca}_{11.94}\text{Sr}_{14}\text{Al}_{14}\text{O}_{33}$ caged phosphors for LED and FEDs. <i>Journal of the American Ceramic Society</i> , 2017, 100, 3467-3477.	3.8	19
6	Spectral modulation through controlling anions in nanocaged phosphors. <i>Journal of Materials Chemistry C</i> , 2013, 1, 7896.	5.5	10
7	Long lasting blue phosphorescence and photostimulated luminescence in $12\text{CaO}\cdot 7\text{Al}_2\text{O}_3:\text{Eu}$ thin films grown by pulsed laser deposition. <i>Optical Materials</i> , 2014, 36, 1771-1775.	3.6	9
8	Stimuli-Responsive Memristive Materials for Artificial Synapses and Neuromorphic Computing (Adv.)	21.0	1