

# Hongyu Bian

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2505475/publications.pdf>

Version: 2024-02-01

8  
papers

566  
citations

1307594

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1720034

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docs citations

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times ranked

418  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimodal Tuning of Synaptic Plasticity Using Persistent Luminescent Memitters. <i>Advanced Materials</i> , 2022, 34, e2101895.	21.0	31
2	High-resolution X-ray luminescence extension imaging. <i>Nature</i> , 2021, 590, 410-415.	27.8	378
3	Stimuli-Responsive Memristive Materials for Artificial Synapses and Neuromorphic Computing. <i>Advanced Materials</i> , 2021, 33, e2006469.	21.0	88
4	Signal Filtering Enabled by Spike Voltage-Dependent Plasticity in Metalloporphyrin-Based Memristors. <i>Advanced Materials</i> , 2021, 33, e2104370.	21.0	30
5	Stimuli-Responsive Memristive Materials for Artificial Synapses and Neuromorphic Computing (Adv.) <i>Tj ETQq1 1 0,784314 rgBT /Overl</i>	21.0	1
6	Light-induced electrons suppressed by Eu <sup>3+</sup> ions doped in Ca <sub>11.94</sub> Sr <sub>14</sub> Al <sub>14</sub> O <sub>33</sub> caged phosphors for LED and FEDs. <i>Journal of the American Ceramic Society</i> , 2017, 100, 3467-3477.	3.8	19
7	Long lasting blue phosphorescence and photostimulated luminescence in 12CaO <sub>7</sub> Al <sub>2</sub> O <sub>3</sub> :Eu thin films grown by pulsed laser deposition. <i>Optical Materials</i> , 2014, 36, 1771-1775.	3.6	9
8	Spectral modulation through controlling anions in nanocaged phosphors. <i>Journal of Materials Chemistry C</i> , 2013, 1, 7896.	5.5	10