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The third gas: H2S regulates perfusion pressure in both the isolated and perfused normal rat liver and in cirrhosis

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303	Imaging of living cells and zebrafish in vivo using a ratiometric fluorescent probe for hydrogen sulfide. <i>Analyst, The</i> , <b>2015</b> , 140, 7165-9	5	34
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301	[Hydrogen sulfide: A promising therapy in neuroprotection following cardiac arrest?]. 2015, 73, 401-10		2
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298	A High-Sensitivity Coumarin-Based Fluorescent Probe for Monitoring Hydrogen Sulfide in Living Cells. <b>2015</b> , 86, 173-9		6
297	A two-photon fluorescent probe with a large turn-on signal for imaging hydrogen sulfide in living tissues. <i>Analytica Chimica Acta</i> , <b>2015</b> , 853, 548-554	6.6	34
296	Emerging role of hydrogen sulfide in hypertension and related cardiovascular diseases. <b>2015</b> , 172, 5501	-11	72
295	Novel fluorescent polymeric nanoparticles for highly selective recognition of copper ion and sulfide anion in water. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 206, 230-238	8.5	50
294	Inhibition of cystathionine Bynthetase suppresses sodium channel activities of dorsal root ganglion neurons of rats with lumbar disc herniation. <b>2016</b> , 6, 38188		12
293	A TICT-based fluorescent probe for rapid and specific detection of hydrogen sulfide and its bio-imaging applications. <b>2016</b> , 52, 6415-8		60
292	Multi-Fluorinated Azido Coumarins for Rapid and Selective Detection of Biological H2 S in Living Cells. <i>Chemistry - an Asian Journal</i> , <b>2016</b> , 11, 68-71	4.5	13
291	Efficient visualization of H2S via a fluorescent probe with three electrophilic centres. <b>2016</b> , 14, 3690-4		8
290	A ratiometric strategy to detect hydrogen sulfide with a gold nanoclusters based fluorescent probe. <b>2016</b> , 154, 190-6		32
289	A single chemosensor for the detection of dual analytes Cu2+ and S2lin aqueous media. <b>2016</b> , 72, 3930-	3938	20
288	A highly sensitive and selective fluorescent probe for H2S detection with large fluorescence enhancement. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 232, 705-711	8.5	29
287	Mitochondria-Targeted Reaction-Based Fluorescent Probe for Hydrogen Sulfide. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 5476-81	7.8	171

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285	Novel Reaction-Based Fluorescence Probes for the Detection of Hydrogen Sulfide in Living Cells. <b>2016</b> , 1, 2581-2585		12
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283	A dual functional probe: sensitive fluorescence response to H2S and colorimetric detection for SO32[IRSC Advances, <b>2016</b> , 6, 85529-85537	3.7	14
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279	Colorimetric and ratiometric fluorescent probe for hydrogen sulfide using a coumarinpyronine FRET dyad with a large emission shift. <i>Analytical Methods</i> , <b>2016</b> , 8, 8022-8027	3.2	27
278	Fast-Response Turn-on Fluorescent Probes Based on Thiolysis of NBD Amine for H2 S Bioimaging. <b>2016</b> , 17, 962-8		37
277	Fluorescent paper sensor fabricated by carbazole-based probes for dual visual detection of Cu2+ and gaseous H2S. <i>RSC Advances</i> , <b>2016</b> , 6, 56384-56391	3.7	36
276	An ESIPT based fluorescent probe for imaging hydrogen sulfide with a large turn-on fluorescence signal. <i>RSC Advances</i> , <b>2016</b> , 6, 62406-62410	3.7	12
275	A prototype reversible polymersome-stabilized H2S photoejector operating under pseudophysiological conditions. <b>2016</b> , 14, 6394-7		2
274	Cascade reaction-based fluorescent probe for detection of H2S with the assistance of CTAB micelles. <b>2016</b> , 27, 1793-1796		14
273	Hydrogen Sulfide Triggered Charge-Reversal Micelles for Cancer-Targeted Drug Delivery and Imaging. <b>2016</b> , 8, 16227-39		47
272	Development of a Highly Selective, Sensitive, and Fast Response Upconversion Luminescent Platform for Hydrogen Sulfide Detection. <b>2016</b> , 26, 191-199		63
271	A new ratiometric fluorescent probe for rapid, sensitive and selective detection of endogenous hydrogen sulfide in mitochondria. <b>2016</b> , 52, 3131-4		135
270	Effects of hydrogen sulphide in smooth muscle. <b>2016</b> , 158, 101-13		29
269	Cyclam-functionalized carbon dots sensor for sensitive and selective detection of copper(II) ion and sulfide anion in aqueous media and its imaging in live cells. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 224, 298-306	8.5	170

268	Molecular Engineering of Aqueous Soluble Triarylboron-Compound-Based Two-Photon Fluorescent Probe for Mitochondria H2S with Analyte-Induced Finite Aggregation and Excellent Membrane Permeability. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 1052-7	7.8	82
267	Electrophilic Cyanate As a Recognition Motif for Reactive Sulfur Species: Selective Fluorescence Detection of H2S. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 1039-43	7.8	58
266	Synthesis and characterizations of a highly sensitive and selective fluorescent probe for hydrogen sulfide. <b>2016</b> , 57, 1187-1191		30
265	Colorimetric chemosensor for multiple targets, Cu2+, CNIand S2IIRSC Advances, <b>2016</b> , 6, 16586-16597	3.7	44
264	A porphyrin-based near-infrared fluorescent sensor for sulfur ion detection and its application in living cells. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 228, 673-678	8.5	29
263	Colorimetric determination of sulfide using chitosan-capped silver nanoparticles. <i>Mikrochimica Acta</i> , <b>2016</b> , 183, 1721-1728	5.8	59
262	Cerium-based azide- and nitro-functionalized UiO-66 frameworks as turn-on fluorescent probes for the sensing of hydrogen sulphide. <b>2016</b> , 18, 4374-4381		75
261	Organic nanoparticles formed by aggregation-induced fluorescent molecules for detection of hydrogen sulfide in living cells. <b>2016</b> , 59, 106-113		25
260	Synthesis of yeast extract-stabilized Cu nanoclusters for sensitive fluorescent detection of sulfide ions in water. <b>2016</b> , 79, 108-13		49
259	Copper complex based on 2-(phenylimino-methyl)-phenol as a high selective fluoresencent probe for hydrogen sulfide. <b>2016</b> , 104, 99-105		8
258	Two-photon luminescent metal complexes for bioimaging and cancer phototherapy. <b>2016</b> , 310, 16-40		172
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253	A ratiometric two-photon fluorescent probe for imaging hydrogen sulfide in lysosomes. <b>2017</b> , 167, 134	-142	38
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246	Impact of hyperglycemia on cystathionine-flyase expression during resuscitated murine septic shock. <b>2017</b> , 5, 30		8
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239	A colorimetric sensor for hydrogen sulfide detection using direct inhibition of active site in G-quadruplex DNAzyme. <i>Dyes and Pigments</i> , <b>2017</b> , 139, 187-192	4.6	15
238	Naphthalimide-Based Turn-On Fluorosensor for Aqueous Sulfide Ions for Staining in Living Cells. <b>2017</b> , 2, 9977-9983		7
237	A cell surface specific two-photon fluorescent probe for monitoring intercellular transmission of hydrogen sulfide. <i>Analytica Chimica Acta</i> , <b>2017</b> , 994, 1-9	6.6	15
236	A turn-on endoplasmic reticulum-targeted two-photon fluorescent probe for hydrogen sulfide and bio-imaging applications in living cells, tissues, and zebrafish. <b>2017</b> , 7, 12944		38
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221	Reaction-based bi-signaling chemodosimeter probe for selective detection of hydrogen sulfide and cellular studies. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 5367-5375	3.6	14
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218	A dinitro-functionalized metal-organic framework featuring visual and fluorogenic sensing of HS in living cells, human blood plasma and environmental samples. <i>Analyst, The</i> , <b>2018</b> , 143, 1482-1491	5	46
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206	A highly sensitive and selective fluorescent sensor for detection of sulfide anion based on the steric hindrance effect. <i>Journal of Molecular Structure</i> , <b>2018</b> , 1151, 230-235	3.4	4
205	Selective detection of Cu2+ and S2Iby a colorimetric chemosensor: Experimental and theoretical calculations. <b>2018</b> , 471, 709-717		10
204	A tri-site fluorescent probe for simultaneous sensing of hydrogen sulfide and glutathione and its bioimaging applications. <i>Analyst, The</i> , <b>2018</b> , 143, 440-448	5	39
203	Chemical Biology of HS Signaling through Persulfidation. <b>2018</b> , 118, 1253-1337		414
202	Colonic hydrogen sulfide produces portal hypertension and systemic hypotension in rats. <b>2018</b> , 243, 96-106		13
201	"Turn-on" fluorescent probe for detection of HS and its applications in bioimaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2018</b> , 189, 8-12	4.4	29
200	Hydrogen sulfide and nonalcoholic fatty liver disease. <b>2018</b> , 7, 122-124		2
199	Gas-Generating Nanoplatforms: Material Chemistry, Multifunctionality, and Gas Therapy. <b>2018</b> , 30, e180	)1964	138
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187	Enhancing the Anti-Solvatochromic Two-Photon Fluorescence for Cirrhosis Imaging by Forming a Hydrogen-Bond Network. <b>2018</b> , 130, 7595-7599		8
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185	A Benzooxazole-Based Probe for the Sensitive Detection of Hydrogen Sulfide: Kinetic and Transition-State Studies and In Vitro Application in HepG2 Cells. <b>2018</b> , 3, 7283-7290		2
184	A viscosity sensitive azide-pyridine BODIPY-based fluorescent dye for imaging of hydrogen sulfide in living cells. <i>Dyes and Pigments</i> , <b>2018</b> , 159, 166-172	4.6	42
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169 168		3.6	9
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168	derivatives. New Journal of Chemistry, 2019, 43, 14800-14805  Formation or Cleavage of Rings via Sulfide-Mediated Reduction Offers Background-Free Detection of Sulfide. 2019, 84, 12031-12039  Endoplasmic reticulum targeted fluorescent probe for the detection of hydrogen sulfide based on		5
168	derivatives. New Journal of Chemistry, 2019, 43, 14800-14805  Formation or Cleavage of Rings via Sulfide-Mediated Reduction Offers Background-Free Detection of Sulfide. 2019, 84, 12031-12039  Endoplasmic reticulum targeted fluorescent probe for the detection of hydrogen sulfide based on a twist-blockage strategy. 2019, 17, 8778-8783  Efficiently mitochondrial targeting fluorescent imaging of H2S invivo based on a		5
168 167 166	derivatives. New Journal of Chemistry, 2019, 43, 14800-14805  Formation or Cleavage of Rings via Sulfide-Mediated Reduction Offers Background-Free Detection of Sulfide. 2019, 84, 12031-12039  Endoplasmic reticulum targeted fluorescent probe for the detection of hydrogen sulfide based on a twist-blockage strategy. 2019, 17, 8778-8783  Efficiently mitochondrial targeting fluorescent imaging of H2S invivo based on a conjugate-lengthened cyanine NIR fluorescent probe. Sensors and Actuators B: Chemical, 2019, 301, 127  Visualization of hydrogen polysulfides in living cells and in vivo via a near-infrared fluorescent		5 19 31
168 167 166 165	Formation or Cleavage of Rings via Sulfide-Mediated Reduction Offers Background-Free Detection of Sulfide. 2019, 84, 12031-12039  Endoplasmic reticulum targeted fluorescent probe for the detection of hydrogen sulfide based on a twist-blockage strategy. 2019, 17, 8778-8783  Efficiently mitochondrial targeting fluorescent imaging of H2S invivo based on a conjugate-lengthened cyanine NIR fluorescent probe. Sensors and Actuators B: Chemical, 2019, 301, 127  Visualization of hydrogen polysulfides in living cells and in vivo via a near-infrared fluorescent probe. 2019, 24, 1077-1085  A PET-based turn-on fluorescent probe for sensitive detection of thiols and H2S and its bioimaging	<b>%</b> 15	<ul><li>5</li><li>19</li><li>31</li><li>7</li></ul>
<ul><li>168</li><li>167</li><li>166</li><li>165</li><li>164</li></ul>	Formation or Cleavage of Rings via Sulfide-Mediated Reduction Offers Background-Free Detection of Sulfide. 2019, 84, 12031-12039  Endoplasmic reticulum targeted fluorescent probe for the detection of hydrogen sulfide based on a twist-blockage strategy. 2019, 17, 8778-8783  Efficiently mitochondrial targeting fluorescent imaging of H2S invivo based on a conjugate-lengthened cyanine NIR fluorescent probe. Sensors and Actuators B: Chemical, 2019, 301, 127  Visualization of hydrogen polysulfides in living cells and in vivo via a near-infrared fluorescent probe. 2019, 24, 1077-1085  A PET-based turn-on fluorescent probe for sensitive detection of thiols and H2S and its bioimaging application in living cells, tissues and zebrafish. New Journal of Chemistry, 2019, 43, 2865-2869  Dual-biomarker-triggered fluorescence probes for differentiating cancer cells and revealing	<b>%</b> 15	5 19 31 7

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159	Experimental and computational investigation of a DNA-shielded 3D metal-organic framework for the prompt dual sensing of Ag and S <i>RSC Advances</i> , <b>2019</b> , 9, 15424-15430	3.7	12
158	Molecular engineering of a colorimetric two-photon fluorescent probe for visualizing HS level in lysosome and tumor. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1077, 273-280	6.6	20
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156	A ratiometric fluorescent chemosensor for the convenient monitoring of hydrogen sulfide concentration by the dual fluorescence fluctuation mode of two distinct emission bands in living cells and zebrafish. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 10926-10931	3.6	8
155	Portal Hypertension in NASH: Is It Different from Other Aetiologies?. <b>2019</b> , 18, 134-143		
154	Metal-organic framework nanosheets with flower-like structure as probes for HS detection and in situ singlet-oxygen production. <b>2019</b> , 55, 6385-6388		29
153	A mitochondria-targeted red-emitting probe for imaging hydrogen sulfide in living cells and zebrafish. <b>2019</b> , 17, 3389-3395		15
152	PdCu alloy nanosheets-constructed 3D flowers: New highly sensitive materials for H2S detection. Sensors and Actuators B: Chemical, <b>2019</b> , 289, 260-268	8.5	42
151	Roles of Water Molecules and Counterion on HS Sensing Reaction Utilizing a Pyrylium Derivative: A Computational Study. <b>2019</b> , 123, 3334-3343		2
150	Iridium(iii) complex-based electrochemiluminescent probe for HS. 2019, 48, 4565-4573		13
149	Switchable Nanochannel Biosensor for HS Detection Based on an Azide Reduction Reaction Controlled BSA Aggregation. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 6149-6154	7.8	27
148	Perylenequinone-based "turn on" fluorescent probe for hydrogen sulfide with high sensitivity in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy,</i> <b>2019</b> , 218, 206-212	4.4	2
147	A Baked-eyelfatiometric and NIR fluorescent detection for hydrogen sulphide with quick response and high selectivity for and its bioimaging. <i>Dyes and Pigments</i> , <b>2019</b> , 165, 31-37	4.6	12
146	HS facilitated sulfur pyran realizing hydrogen sulfide detection and imaging in HepG2 cells and chlorella. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2019</b> , 214, 227-232	4.4	7
145	Hydrogen Sulfide as a Novel Regulatory Factor in Liver Health and Disease. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2019</b> , 2019, 3831713	6.7	24
144	The role of the Hint1 protein in the metabolism of phosphorothioate oligonucleotides drugs and prodrugs, and the release of HS under cellular conditions. <b>2019</b> , 163, 250-259		1
143	A novel water-soluble fluorescence probe based on ICT lighten for detecting hydrogen sulfide and its application in bioimaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2019</b> , 214, 355-359	4.4	19

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142	An isoxazole-accelerated nitro oxidation type fluorescent detection and imaging for hydrogen sulfide in cells. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 287, 131-137	8.5	10
141	DNA-Capped Silver Nanoflakes as Fluorescent Nanosensor for Highly Sensitive Imaging of Endogenous HS in Cell Division Cycles. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 15404-15410	7.8	13
140	A PET-based lysosome-targeted turn-on fluorescent probe for the detection of H2S and its bioimaging application in living cells and zebrafish. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 16796-16800	3.6	14
139	Design, synthesis, crystal structure and cytotoxicity studies of colorimetric fluorescent <b>DFF-ON</b> probes for rapid detection of hydrogen sulfide based on Cu(II) complex. <b>2019</b> , 99, 1-10		6
138	Triggered emission for rapid detection of hydrogen sulfide chaperoned by large Stokes shift. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2019</b> , 371, 264-270	4.7	8
137	Multifunctional nanoplatform for photoacoustic imaging-guided combined therapy enhanced by CO induced ferroptosis. <b>2019</b> , 197, 268-283		88
136	Facile, rapid one-pot synthesis of multifunctional gold nanoclusters for cell imaging, hydrogen sulfide detection and pH sensing. <b>2019</b> , 197, 1-11		21
135	A mitochondria-targeted dual-reactable fluorescent probe for fast detection of H2S in living cells. <i>Dyes and Pigments</i> , <b>2019</b> , 162, 624-631	4.6	20
134	Potential mechanisms linking gut microbiota and portal hypertension. <b>2019</b> , 39, 598-609		20
133	Hydrogen sulfide detection by ESIPT based fluorescent sensor: Potential in living cells imaging. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2019</b> , 369, 97-105	4.7	11
132	The potential role of vascular alterations and subsequent impaired liver blood flow and hepatic hypoxia in the pathophysiology of non-alcoholic steatohepatitis. <b>2019</b> , 122, 188-197		18
131	Aggregation/assembly induced emission based on silk fibroin-templated fluorescent copper nanoclusters for Eurn-onEdetection of S2\(\textit{Sensors and Actuators B: Chemical, 2019, 279, 361-368}\)	8.5	29
130	Hydrogen sulfide and hepatic lipid metabolism - a critical pairing for liver health. <b>2020</b> , 177, 757-768		9
129	High selective distinguishable detection GSH and H2S based on steric configuration of molecular in Vivo. <i>Dyes and Pigments</i> , <b>2020</b> , 172, 107826	4.6	7
128	Construction of ratiometric hydrogen sulfide probe with two reaction sites and its applications in solution and in live cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 224, 117391	4.4	6
127	Discriminating Cys from GSH/H2S in vitro and in vivo with a NIR fluorescent probe. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 305, 127202	8.5	22
126	A FRET-based ratiometric fluorescent probe for sulfide detection in actual samples and imaging in Daphnia magna. <b>2020</b> , 209, 120517		9
125	Detection of hydrogen sulfide using BODIPY based colorimetric and fluorescent on-off chemosensor. <b>2020</b> , 132, 1		6

124	Two isomeric and distinguishable HS fluorescence probes for monitoring spoilage of eggs and visualizing exogenous and endogenous HS in living cells. <i>Analyst, The</i> , <b>2019</b> , 145, 213-222	5	5
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122	A quaternary ammonium modified fluorescent probe for hydrogen sulfide detection in living cells. Journal of Photochemistry and Photobiology A: Chemistry, <b>2020</b> , 389, 112213	4.7	5
121	Pyrene derivative-functionalized mesoporous silica-Cu hybrid ensemble for fluorescence "turn-on" detection of HS and logic gate application in aqueous media. <b>2020</b> , 412, 905-913		7
120	Simultaneous detection of Cys/Hcy and HS through distinct fluorescence channels. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1097, 238-244	6.6	19
119	A novel imidazole derived colorimetric and fluorometric chemosensor for bifunctional detection of copper (II) and sulphide ions in environmental water samples. <i>Spectrochimica Acta - Part A:</i> Molecular and Biomolecular Spectroscopy, <b>2020</b> , 228, 117846	4.4	10
118	Z-Scheme cathodic photoelectrochemical sensors for detection of hydrogen sulfide based on AgCl-Ag coupled with porous carbon nitride. <b>2020</b> , 532, 147424		4
117	A review: Red/near-infrared (NIR) fluorescent probes based on nucleophilic reactions of H S since 2015. <b>2020</b> , 35, 1156-1173		10
116	Mitochondria-targeted fluorescent probe for imaging endogenous hydrogen sulfide in cellular antioxidant stress. <i>Analytical Methods</i> , <b>2020</b> , 12, 5061-5067	3.2	5
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113	FRET-based fluorescent ratiometric probes for the rapid detection of endogenous hydrogen sulphide in living cells. <i>Analyst, The</i> , <b>2020</b> , 145, 4233-4238	5	15
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108	Piperazine appended napthalimide scaffold as turn on fluorescent probe for hydrogen sulfide. <b>2020</b> , 157, 105019		3
107	FeS@BSA Nanoclusters to Enable HS-Amplified ROS-Based Therapy with MRI Guidance. <b>2020</b> , 7, 19035	12	51

106	A Novel Fluorescent Probe for Detection of Hydrogen Sulfide and Its Bioimaging Applications in Living Cells. <b>2020</b> , 5, 829-833	4
105	A dual-ratiometric fluorescent probe for individual and continuous detection of HS and HClO in living cells. <b>2020</b> , 56, 2849-2852	41
104	A Fast-Response Red Shifted Fluorescent Probe for Detection of HS in Living Cells. <b>2020</b> , 25,	6
103	A near-infrared naphthofluorescein-based fluorescent probe for hydrogen sulfide detection. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1207, 127822	7
102	Diorganotin Compounds Containing Aminoacidato Schiff Base Ligands Derived from Functionalized 2-Hydroxy-5-(aryldiazenyl)benzaldehyde. Syntheses, Structures and Sensing of Hydrogen Sulfide. <b>2020</b> , 2020, 1803-1813	5
101	Colorimetric and fluorescent dual-mode strategy for sensitive detection of sulfide: Target-induced horseradish peroxidase deactivation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular</i> 4.4 <i>Spectroscopy</i> , <b>2020</b> , 236, 118296	2
100	Implications of hydrogen sulfide in liver pathophysiology: Mechanistic insights and therapeutic potential. <b>2021</b> , 27, 127-135	21
99	Interplay of cardiovascular mediators, oxidative stress and inflammation in liver disease and its complications. <b>2021</b> , 18, 117-135	16
98	Si-coumarin-based fluorescent probes for ultrafast monitoring H2S in vivo. <i>Dyes and Pigments</i> , <b>2021</b> , 186, 109059	8
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96	The systemic inflammation hypothesis: Towards a new paradigm of acute decompensation and multiorgan failure in cirrhosis. <b>2021</b> , 74, 670-685	50
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89	A coumarin-based reversible fluorescent probe for Cu2+ and S2[and its applicability in vivo and for organism imaging. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 11983-11991	1

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9	Rational development of an ESIPT-based fluorescent probe with large Stokes shift for imaging of hydrogen sulfide in live cells. <b>2022</b> , 129, 106158		O
8	An ESIPT-based reversible ratiometric fluorescent sensor for detecting HClO/H2S redox cycle in living cells. <b>2023</b> , 285, 121881		0
7	Design strategy for an analyte-compensated fluorescent probe to reduce its toxicity. <b>2022</b> , 58, 9136-91	39	1
6	Synthesis and application of a novel fluorescent probe for detection of hydrogen sulfide in real samples. 1-14		0
5	Dual-active-site Fe/Cu single-atom nanozymes with multifunctional specific peroxidase-like properties for S2Idetection and dye degradation. <b>2022</b> , 107969		O
4	Highly Sensitive, Rapid, and Real-Time Detection of Hydrogen Sulfide in Human Blood Plasma Using MoSe\$_{{text{2}{ }}}\$ Field-Effect Transistor. <b>2022</b> , 1-6		2
3	A Dual Fluorometric and Colorimetric Sulfide Sensor Based on Coordinating Self-Assembled Nanorods: Applicable for Monitoring Meat Spoilage. <b>2022</b> , 10, 500		O
2	Development of novel hydrogen sulfide depletion aided platform for photodynamic therapy with enhanced anticancer performance. <b>2023</b> , 239, 112646		O
1	Synthesis of a Turn-On Fluorescent Probe for Hydrogen Sulfide and Its Application in Red Wine and Living Cells. <b>2023</b> , 43, 308		O